

DIAGNOSTIC CASE REPORT

U. S. GEOLOGICAL SURVEY-BIOLOGICAL RESOURCES DIVISION
NATIONAL WILDLIFE HEALTH CENTER-HONOLULU FIELD STATION
P. O. BOX 50167, 300 ALA MOANA BLVD., Rm. 8-132
HONOLULU, HAWAII 96850
Tel: 808-792-9520, Fax: 792-9596, Email: thierry_work@usgs.gov

Case Number: 25075

Submitter Name:

Ms. Anne Rosinski
Hawaii Department of Land and Natural
Resources
1151 Punchbowl St
Honolulu, Hawaii 96813
United States

Species submitted (n):

Gurnard: Helmet (9)

SPECIMENS SUBMITTED: Carcass-Chilled

These fish were collected as part of a massive stranding event of gurnards on south Oahu during July. These animals were collected between 2-17 July, 2014.

| Acc | Date_Coll | Animal | Sex | Location | Diagnosis |
|-----|-----------|-----------------|---------|--------------------------|--------------|
| 1 | 7/02/2014 | Gurnard: Helmet | Unknown | Fort DeRussy | Undetermined |
| 2 | 7/02/2014 | Gurnard: Helmet | Unknown | Rock Piles | Undetermined |
| 3 | 7/03/2014 | Gurnard: Helmet | Unknown | Fort DeRussy | Undetermined |
| 4 | 7/03/2014 | Gurnard: Helmet | Unknown | Kakaako State Beach Park | Undetermined |
| 5 | 7/03/2014 | Gurnard: Helmet | Unknown | Rock Piles | Undetermined |
| 6 | 7/17/2014 | Gurnard: Helmet | Unknown | Koolina | Undetermined |
| 7 | 7/17/2014 | Gurnard: Helmet | Unknown | Koolina | Undetermined |
| 8 | 7/17/2014 | Gurnard: Helmet | Unknown | Koolina | Undetermined |
| 9 | 7/17/2014 | Gurnard: Helmet | Unknown | Koolina | Undetermined |

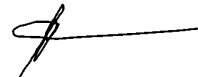
Comments: Other than mild damage to skeletal muscles, no evident gross or microscopic lesions were seen in these fish. Field surveys showed them to be behaving normally. There was no evidence of infectious disease (viruses, parasites, fungi, bacteria) nor were there microscopic lesions suggestive of toxic disease.

Management: Note that we documented a similar event in Oahu at around July 2004. No significant lesions were seen at that time either. I suspect based on the small size class of these fish that these are large recruitment pulses, and that some of these fish get washed ashore accidentally.

Report Date (mm/dd/yyyy): 8/14/2014

Necropsy report: Available upon request

Copies of this report sent to:



If you have questions regarding this case, contact Thierry M. Work MS, DVM, MPVM at 808-792-9520. Include above Case Number. Diagnostic findings may not be used for publication without the pathologist's knowledge and consent.

NOTE: Information in this report supersedes any information from previous reports regarding this case .